

1 BILL NO. S-82-10- 24

2 SPECIAL ORDINANCE NO. S- 202-82

3 AN ORDINANCE approving Change Order  
4 NO. 5 and Final, Resolution No. 310-80,  
5 Project No. C-180599-06, St. Joe Inter-  
ceptor Interconnect, Phase III, in con-  
6 nection with the Board of Public Works.


7 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF  
8 FORT WAYNE, INDIANA:

9 SECTION 1. That Change Order No. 5 and Final, Reso-  
10 lution No. 310-80, Project No. C-180599-06, St. Joe Interceptor  
11 Interconnect, Phase III, with Joe R. Norman Contractors, Inc.  
12 in connection with the Board of Public Works, for:


13 the actual quantities and materials used  
14 to close out the project;

15 involving a net decrease in the amount of Twenty-One Thousand  
16 Two Hundred Fifteen and 65/100 Dollars (\$21,215.65), all as  
17 more particularly set forth in the specifications, and which  
18 is on file in the Office of the Board of Public Works, and is  
19 by reference incorporated herein, made a part hereof, and is  
20 hereby in all things ratified, confirmed and approved.

21 SECTION 2. That this Ordinance shall be in full force  
22 and effect from and after its passage and any and all necessary  
23 approval by the Mayor.

24   
25 Councilmember

26 APPROVED AS TO FORM  
27 AND LEGALITY

28   
29 Bruce O. Boxberger, City Attorney  
30  
31  
32

Read the first time in full and on motion by Burns,  
seconded by E. notak, and duly adopted, read the second time  
by title and referred to the Committee City of Fort Wayne (and the City  
Plan Commission for recommendation) and Public Hearing to be held after  
due legal notice, at the Council Chambers, City-County Building, Fort Wayne,  
Indiana, on \_\_\_\_\_, the \_\_\_\_\_ day of \_\_\_\_\_,  
19\_\_\_\_, at \_\_\_\_\_ o'clock \_\_\_\_\_ M., E.S.T.

DATE: 10-26-82

Charles W. Westerman  
CHARLES W. WESTERMAN - CITY CLERK

Read the third time in full and on motion by Burns,  
seconded by E. notak, and duly adopted, placed on its  
passage. PASSED (LOST) by the following vote:

	<u>AYES</u>	<u>NAYS</u>	<u>ABSTAINED</u>	<u>ABSENT</u>	<u>TO-WIT:</u>
<u>TOTAL VOTES</u>	<u>8</u>	_____	_____	<u>1</u>	_____
<u>BRADBURY</u>	<u>X</u>	_____	_____	_____	_____
<u>BURNS</u>	<u>X</u>	_____	_____	_____	_____
<u>EISBART</u>	<u>X</u>	_____	_____	_____	_____
<u>GiaQUINTA</u>	_____	_____	_____	<u>X</u>	_____
<u>SCHMIDT</u>	<u>X</u>	_____	_____	_____	_____
<u>SCHOMBURG</u>	<u>X</u>	_____	_____	_____	_____
<u>SCRUGGS</u>	<u>X</u>	_____	_____	_____	_____
<u>STIER</u>	<u>X</u>	_____	_____	_____	_____
<u>TALARICO</u>	<u>X</u>	_____	_____	_____	_____

DATE: 11-9-82

Charles W. Westerman  
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne,  
Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL)  
(APPROPRIATION) ORDINANCE (RESOLUTION) NO. 202-82  
on the 9th day of November, 1982.

ATTEST:

(SEAL)

Charles W. Westerman  
CHARLES W. WESTERMAN - CITY CLERK

Samuel J. Talarico  
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on  
the 10th day of November, 1982, at the hour of  
11:30 o'clock A.M., E.S.T.

Charles W. Westerman  
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 11th day of November  
1982, at the hour of 9 o'clock A.M., E.S.T.

Win Moses, Jr.  
WIN MOSES, JR. - MAYOR

BILL NO. S-82-10-24

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON City Utilities TO WHOM WAS REFERRED AN  
ORDINANCE approving Change Order No. 5 and Final, Resolution  
No. 310-80, Project No. C-180599-06, St. Joe Interceptor  
Interconnect, Phase III, in connection with the Board of Public  
Works

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT  
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE DO PASS.

PAUL M. BURNS - CHAIRMAN

MARK E. GIAQUINTA - VICE CHAIRMAN

JAMES S. STIER

JANET G. BRADBURY

ROY J. SCHOMBURG

Janet G. Bradbury  
Roy J. Schomburg  
11-5-82  
CONCURRED IN  
DATE 11-5-82 CHARLES J. WESTERMAN, CITY CLERK

SEP 21 1982

## CHANGE ORDER

Change Order No. 5 and Final  
 Project No. C-180599-06  
 Name of Project: St. Joe Interconnect Interceptor

Water Pollution Control Engr. Dept.  
 City-County Building, One Main St.  
 Ft. Wayne, Indiana 46802

Resolution No. 310-80 Ph. 11  
 Board Order No. 15-80  
 Date: 9/28/82

To: JOE R. NORMAN CONTRACTORS, INC.  
 (Contractor)

Gentlemen:

You are hereby requested to comply with the following changes from the contract plans and specifications:

Item No.	Quantity	Description of Change	Unit Price	Change in Contract Price	
		Description		Decrease	Increase
		SEE ATTACHED			
Total Decrease				70,232.73	
Total Increase					49,017.08
Net (Decrease)( <del>increase</del> )					
Contract Price				21,215.65	

The sum of \$ 21,215.65 is hereby (~~added to~~) (deducted from) the total contract price and the final contract price shall be adjusted as follows:

Original Contract Price

Current Contract Price Adjusted by Previous Change Order

New Contract Price including this Change Order

\$ 2,055,834.60

\$ 2,138,829.65

\$ 2,117,614.00

The time provided for completion in the contract for this project is (unchanged) (~~increased~~) (~~decreased~~) by 0 calendar days due to this Change Order. The date for completion of all work shall be N/A. Furthermore, this document shall become an amendment to the contract and all provisions of the contract shall apply hereto.

Recommended by: Glenn E. Buey Chief Engineer

Date 9/28/82

Accepted by: J. R. Norman Contractor

Date 9/17/82

Approved by: Bob Zoller City Engineer

Date 9/29/82

Approved by: John C. Buey Owner

Date 10-6-82

Attested by: Sandra E. Kennedy Clerk

Date 10-6-82

ATTACHMENT TO CHANGE ORDER

St. Joe Study Area C-180599-06 - B.O. 15-80  
Resolution 310-80 Phase III - "Interconnect"  
Joe R. Norman Contractors, Inc., Contractor

Sheet 1 of 3

Item No.	Quantity	Description of Change		Change in Contract Price	
		Description	Unit Price	Decrease	Increase
1	2.7 LF	84" RCP Class III ASTM C-76	313.71	847.02	
6	100 CY	#53 or #73 Special Backfill	7.00		700.00
6	187.73CY	#53 or #73 Special Backfill	7.00	1,314.11	
7	312.7 Tn	HAC Base 440 #/SYD	25.00		7,817.50
7*	128 Tn	HAC Base 440 #/SYD	25.00		3,200.00
8	9.21Tn	HAC Binder 330 #/SYD	25.00		230.25
8*	153 Tn	HAC Binder 330 #/SYD	25.00		3,825.00
9	842.02Tn	HAC Surface 220 #/SYD	25.00	21,050.50	
9*	173 Tn	HAC Surface 220 #/SYD	25.00		4,325.00
10	170.6 LF	Concrete Curb Replacement	8.00	1,364.80	
11	125 LF	Concrete Curb and Gutter	10.00	1,250.00	
12	1942.82SF	4" Sidewalk Replacement	2.00	3,885.64	
13	145.5 SF	6" Wingwalk Replacement	3.00	436.50	
14	160 SY	9" Plain Concrete	20.00	3,200.00	
16	235 LF	12" Sewer Pipe Removal and Replace.	12.00		2,820.00
17	105 LF	15" Sewer Pipe Removal and Replace.	15.00	1,575.00	
18	450 LF	24" RCP Class IV Removal and Replace.	30.00	13,500.00	
19	189 LF	6"-10" Sewer Pipe Replacement	12.00	2,268.00	
*Non-Grant Fundable			Total Decrease		
			Total Increase	CONTINUED	
Net (Decrease)(Increase)			Contract Price		

ATTACHMENT TO CHANGE ORDER

St. Joe Study Area - C-180599-06 - B.O. 15-80  
Resolution 310-80 Phase III - "Interconnect"  
Joe R. Norman Contractors, Inc., Contractor

Sheet 2 of 3

Item No.	Quantity	Description of Change	Unit Price	Change in Contract Price	
				Decrease	Increase
20	40 LF	24" C.L.D.I.P. Class 51	30.00	1,200.00	
21	9 EA	Std. Inlet Type I,C,D,E, or F	500.00		4,500.00
22	2 EA	Std. Catchbasin Type I-A	500.00		1,000.00
23	2 EA	Std. MH Type I-A	700.00	1,400.00	
24	2726.12SY	Seeding and 2" Mulch	1.00	2,726.12	
25	2 LF	Dewatering	54.00	108.00	
26	404.09CY	Base Stabilization	11.00	4,444.99	
27	160.2 SY	6" Concrete Driveways	20.00		3,204.00
28	54.05SY	4" Asphalt Driveways	17.00	918.85	
29	475.7 LF	Water Main Replace. and Relocation	14.00		6,659.80
30	2.42LF	Gas Main Replace. and Relocation	35.00		84.70
31	181.91LF	Underground Cables & Conduit Replace.			
		and Relocation (inclusive of bracing			
		poles)	30.00		5,667.30
32	18 EA	Replace. of Trees (3" Diameter)	300.00	5,400.00	
35	416.23CY	#2 and/or #53 Limestone subbae	11.00		4,578.53
37	85 LF	12" Water Main Relocation	35.00	2,975.00	
38	17 SY	8" Concrete Drives	21.00	357.00	
*Non-Grant Fundable			Total Decrease		
			Total Increase	CONTINUED	
Net (Decrease)(Increase)			Contract Price		

St. Joe Study Area C-180599-06 - B.O. 15-80  
Resolution 310-80 Phase III "Interconnect"  
JOE R. NORMAN CONTRACTORS, INC., Contractor

Resolution 310-80 Phase III "Interconnect"  
JOE R. NORMAN CONTRACTORS, INC., Contractor

Item No.	Quantity	Description of Change	Unit Price	Change in Contract Price	
		Description		Decrease	Increase
39*	3.2SY	Asphalt Pavement Removal.	3.50	11.20	
40*	81 SY	Asphalt over Concrete and/or Concrete Pavement Removal	5.00		405.00
*Non-Grant Fundable		Total Decrease		70,232.73	
		Total Increase			49,017.08
		Contract Price		21,215.65	
		Net (Decrease) ( <del>Increase</del> )			

Change Order No. 5 and Final

Resolution No. 310-80 Phase III

Board Order No. 15-80

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: \_\_\_\_\_

SEE ATTACHED

2. Will proposed change alter size of the project? Yes \_\_\_\_\_ No X

If yes, explain

3. Affect on operation and maintenance cost of this project:

N/A

*Gregory J. Merrill* 9/24/82  
Project Engineer



JUSTIFICATION FOR CHANGE ORDER NO. 5 and FINAL  
St. Joe Study Area C-180599-06 - B.O. 15-80  
Resolution 310-80 Phase III "Interconnect"

Joe R. Norman Contractors, Inc., Contractor

Item #1

The decrease shown in the pipe quantity is just a balancing figure.

Item #4

The 100 CY increase shown in the Change Order was a mathematical error made under Change Order #1. In Change Order #1, we showed a decrease quantity of 10,000± CY at \$7.00. An error was made in multiplication. Instead of \$70,000.00, we showed \$70,700.00. Therefore, we are merely adding back the \$700.00 error. Actual quantity used has, however, slightly decreased as shown on the next line.

Items #7, 8 and 9

The above are final quantities after tabulating all the asphalt tickets. The base course has increased due to placement of the same from curb-to-curb. However, in comparison the surface course has decreased significantly. The net cost is still a decrease in the above three items. Part of these quantities are non-grant fundable as directed by the Army Corps of Engineers.

Items #10, 11, 12, 13, 27, 28, 38, 39 and 40

Final field measurements all indicate a slight decrease except for 6" concrete drives, which indicate a slight increase. Items 39 and 40 are non-grant fundable as directed by the Army Corps of Engineers.

Items #14, 18 and 20

None of the above items were used on this project.

Items #16, 17 and 19

All the above items show a decrease from the original bid quantity. Quantities were taken from daily inspection records, which reflect a slight difference from the estimated bid quantities.

Items #21, 22 and 23

All most all existing inlets and catchbasins were removed and replaced at each street intersection due to the large evacuation areas which conflicted with their location. The inlets have decreased significantly, but the other two items show a slight change in quantity.

Justification for Change Order No. 5 and Final  
Page 2

Item #24

Final field measured quantity indicate a slight decrease.

Items #25 and 26

Both of the above quantities show decreases especially base stabilization. De-watering was required for the total length of the project and the final length represents footage taken between successive wells from the inspection records.

Items #29, 30 and 31

The water main replacement has increased. Also, included in this line item were 3/4" service taps which were paid for under unit bid item. Gas line replacement also shows a slight increase which was actual billing from the gas company, plus 10% as allowed in the specifications. The underground cables and conduit replacement as billed by the appropriate utility has increased significantly. There was one underground telephone cable which ran perpendicular to our trench excavation on the north side of State Boulevard and parallel with the trench on Pleasant Avenue, which was not shown on our plans. Therefore, that had to be removed and relocated, which consequently, increased the cost of relocation.

Item #32

Only two (2) trees were removed and replaced on this project. The rest of the trees were on private property which were just trimmed for construction

Item #35

This item was used for street subbase and a final tabulation of the stone tickets indicate a slight increase in quantity.

Item #37

The 12" water main was relocated on Northside Drive and actual quantities installed reflects a slight decrease from the estimated bid quantity.

FINAL QUANTITIES

ITEM	DESCRIPTION	ORIGINAL BID UNITS	UNIT PRICE	CQ. NO.	CHANGE ORDER UNITS +/-	REVISED ESTIMATED QUANTITIES	FINAL QUANTITIES	EXTENSION FINAL CONTRACT
1	84" RCP Class III ASTM C-76	4,260± LF	313.71	4	( 95± LF)	4,165± LF	4,162.3 LF	1,305,755.13
2	Special Str. SJ-14	1± EA	5,000.00	5	( 2.7 LF)		1 EA	5,000.00
3*	Special Str. SJ-15 and 17	2± EA	5,000.00	1	( 1± EA)	1± EA		
				3	( 1± EA)	NONE		
4*	Special Str. SJ-16 and 18	2± EA	5,000.00	1	( 1± EA)	1± EA		
				3	( 1± EA)	NONE		
5	Special Str. SJ-19	1± EA	5,000.00				1 EA	5,000.00
6	#53 or #73 Special Backfill	15,100± CY	7.00	1	(10100±CY)	5,000± CY		
				5	100 CY	5,100± CY		
7	HAC Base 440 #/SYD	1,350± Tn	25.00	5	(187.73 CY)		4,912.27 CY	34,385.89
7*	HAC Base 440 #/SYD			5	312.70 Tn		1,662.7 Tn	41,567.50
8	HAC Binder 330 #/SYD	1,000± Tn	25.00	5	128 Tn		128 Tn	3,200.00
8*	HAC Binder 330 #/SYD			5	9.21 Tn		1,009.21Tn	25,230.25
9	HAC Surface 220 #/SYD	1,600± Tn	25.00	5	153 Tn		153 Tn	3,825.00
9*	HAC Surface 220 #/SYD			5	(842.02 Tn)		757.98Tn	18,949.50
10	Concrete Curb Replacement	3,303± LF	8.00	5	173 Tn		173 Tn	4,325.00
				2	1,250± LF	4,550± LF		
11	Concrete Curb and Gutter	125± LF	10.00	5	(170.60 LF)		4,379.4 LF	35,035.20
12	4" Sidewalk Replacement	13,140± SF	2.00	5	( 125 LF)			
13	6" Wingwalk	1,250± SF	3.00	5	(1942.82SF)		11,197.18SF	22,394.36
14	9" Plain Concrete	160± SY	20.00	5	( 145.5 SF)		1,104.5 SF	3,313.50
				5	( 160. SY)			
15	Tunnelling - State Boulevard	60± LF	1,250.00				60 LF	75,000.00
16	12" Sewer Pipe Removal W/RCP CL IV	700± LF	12.00	5	235 LF		935 LF	11,220.00

ORIGINAL CONTRACT - \$2,055,834.60  
 REVISED CONTRACT - \$2,138,829.65

RESOLUTION - 310-80 Phase III

## FINAL QUANTITIES

ITEM	DESCRIPTION	ORIGINAL BID UNITS	UNIT PRICE	CO. NO.	CHANGE ORDER UNITS +/-	REVISED ESTIMATED QUANTITIES	FINAL QUANTITIES	EXTENSION FINAL CONTRACT
17	15" Sewer Pipe Removal & Replace. and/or relocation with RCP CL IV	800± LF	15.00	5	( 105 LF)		695 LF	10,425.00
18	24" RCP CL IV Removal and Replace.	450± LF	30.00	5	( 450 LF)			
19	6"-10" Sewer Pipe Replacement	300± LF	12.00	5	( 189 LF)		111 LF	1,332.00
20	24" C.L.D.I.P. Class 51	40± LF	30.00	5	( 40 LF)			
21	Std. Inlet Type I-C,D,E, or F	5± EA	500.00	5	9 EA		14 EA	7,000.00
22	Std. Catchbasin Type I-A	5± EA	500.00	5	2 EA		7 EA	3,500.00
23	Std. MH Type I-A	10± EA	700.00	5	( 2 EA)		8 EA	5,600.00
24	Seeding and 2" Mulch	10,000± SY	1.00	5	(2,726.12SY)		7,273.88SY	7,273.88
25	Dewatering	3,500± LF	54.00	2	710± LF	4,210± LF		
26	Base Stabilization	1,300± CY	11.00	5	( 404.09CY)		4,208 LF	227,232.00
27	6" Concrete (Driveways)	200± SY	20.00	2	275 ± SY	475± SY	895.91CY	9,855.01
28	4" Asphalt (Driveways)	150± SY	17.00	5	( 54.05SY)		635.2 SY	12,704.00
29	Water Main Replace and Relocate	4,200± LF	14.00	5	( 475.7 LF)		95.95SY	1,631.15
30	Gas Line Replace and Relocation	350± LF	35.00	5	2.42 LF		4,675.7 LF	65,459.80
31	Underground Cables & Conduits Replace and Relocation Inclusive of bracing poles	50± LF	30.00	5	188.91 LF		352.42LF	12,334.70
32	Replace of Trees (3" Diameter)	20± EA	300.00	5	( 18 EA)		238.91LF	7,167.30
33*	7½" 84" Radius Pipes	NONE	400.00	1	18± EA		2 EA	600.00
34*	84" 'T' Manhole	NONE	2,800.00	1	1± EA		18 EA	7,200.00
35	#2 and/or #53 Limestone Subbase	NONE	11.00	1	3500± CY		1 EA	2,800.00
				2	2500± CY	6,000± CY		
				5	416.23CY		6,416.23CY	70,578.53

\$ 2,117,614.00

**FEDERAL GRANT - C-180599-0**  
**RESOLUTION - 310-80 Phase III**

## NON-GRANT ELIGIBLE ITEMS

[illegible]

TITLE OF ORDINANCE CHANGE ORDER #5 & FINAL, RESOLUTION 310-80, PHASE III

DEPARTMENT REQUESTING ORDINANCE Board of Public Works

82-10-24

SYNOPSIS OF ORDINANCE This change order was necessary to close out the project and reflect the final quantities.

EFFECT OF PASSAGE Reflect the actual quantities and material used.

EFFECT OF NON-PASSAGE

MONEY INVOLVED (DIRECT COSTS, EXPENDITURE, SAVINGS) Net Decrease \$21,215.65

ASSIGNED TO COMMITTEE